

WHAT IS CLAIMED IS:

- 1 1. A dustproof plate fixture adapted to engage with an electrical connector
2 having a housing with multiple pins extended therethrough and a cover securely
3 connected to the housing, the dustproof plate fixture comprising:
4 a recess adapted to be defined in a rear face of the housing;
5 two supports oppositely formed on a bottom face defining the recess;
6 two cutouts adapted to be defined in opposite sides of a dustproof plate so as to
7 form a first step and a second step;
8 a pair of retainers each having a base plate adapted to be adjacent to a side of the
9 dustproof plate and a through hole defined through the base plate for alignment with one
10 of two opposite combining holes in the housing and extension legs extending out from a
11 bottom face of the base plate;
12 two pressing elements each having a pressing plate received in a corresponding
13 one of the cutouts to engage with a corresponding one of the base plates, a sleeve
14 extending out into a corresponding one of the through holes and extendable into one of
15 the combining holes of the housing and one of the connection holes of the cover; and
16 two securing elements each adapted to be extending into a corresponding one of
17 the connection holes of the cover and into one of the sleeves to threadingly engage with
18 the corresponding sleeve such that engagement of the pressing elements, the retainers,
19 the dustproof plate, the housing and the cover is secured.
20 2. The dustproof fixture as claimed in claim 1, wherein a pair of positioning
21 holes are defined in the bottom face defining the recess and a pair of positioning bosses
22 are adapted to be formed on a rear face of the dustproof plate to correspond and extend
23 into the positioning holes.

1 3. The dustproof plate fixture as claimed in claim 2, wherein the dustproof plate
2 has a bottom face tapered in thickness such that a welding process to the pins is easy and
3 thereby the pins are protected from damage.